

Abstract

A device for ventilating and cooling the interior of a vehicle with at least one air guide channel (7) having air inlet openings (8) located in the rear of a solar cell equipped vehicle roof (5a, 5b), the air guide channel (7) being restricted to the rear area (3) of the vehicle roof (5a, 5b) and having at least one fan (15) for taking in outside air (10) and at least one cooling element (14) for cooling the air taken in. The bottom of the air guide channel (7) is formed by a first section (12) of a roof portion (5b) which extends from the vehicle rear toward the vehicle front (3, 1) and the top of the air guide channel (7) is formed by a second section (13) of a roof portion (5a) which extends from the vehicle front toward the vehicle rear (1, 3).